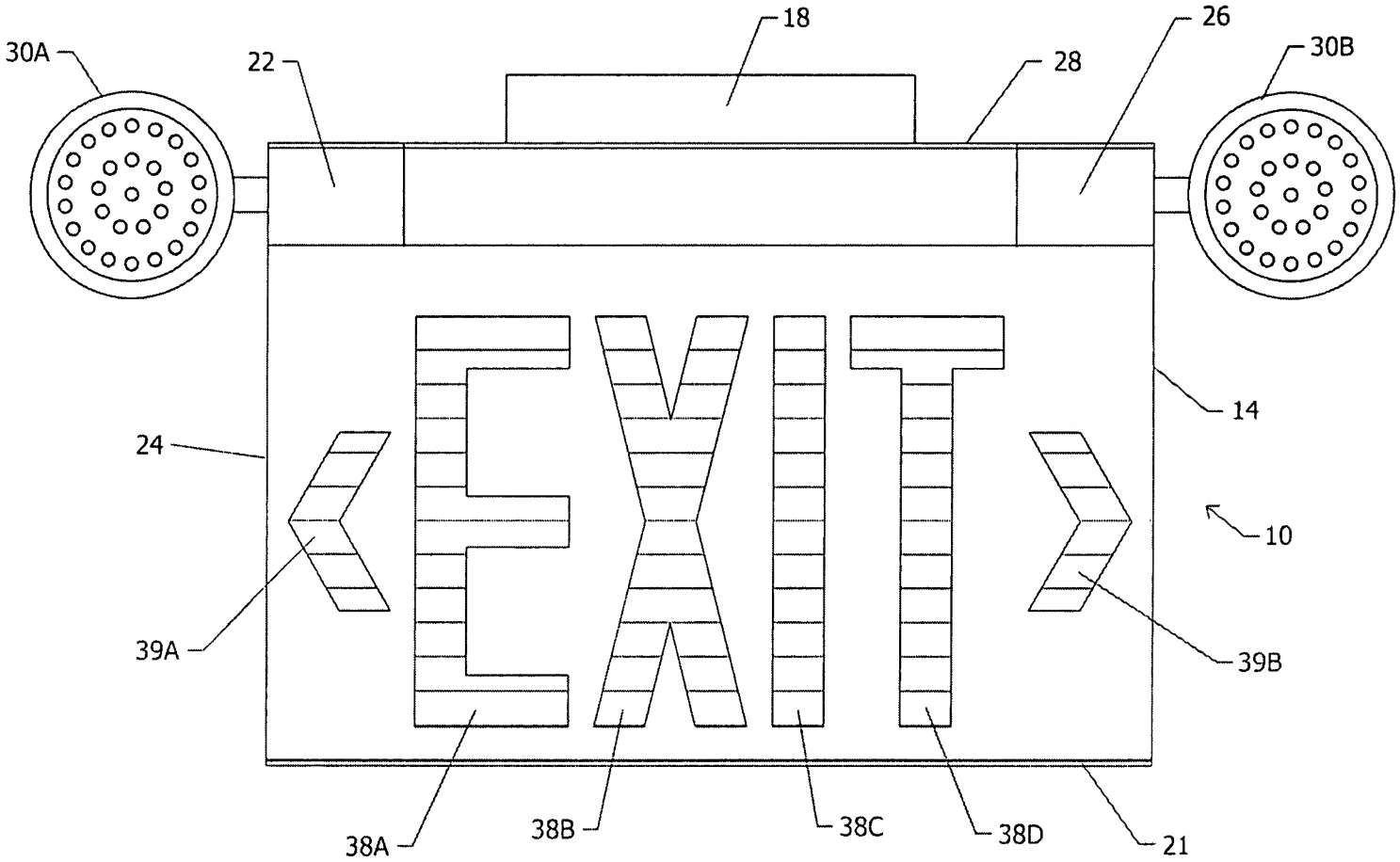

FIG. 1

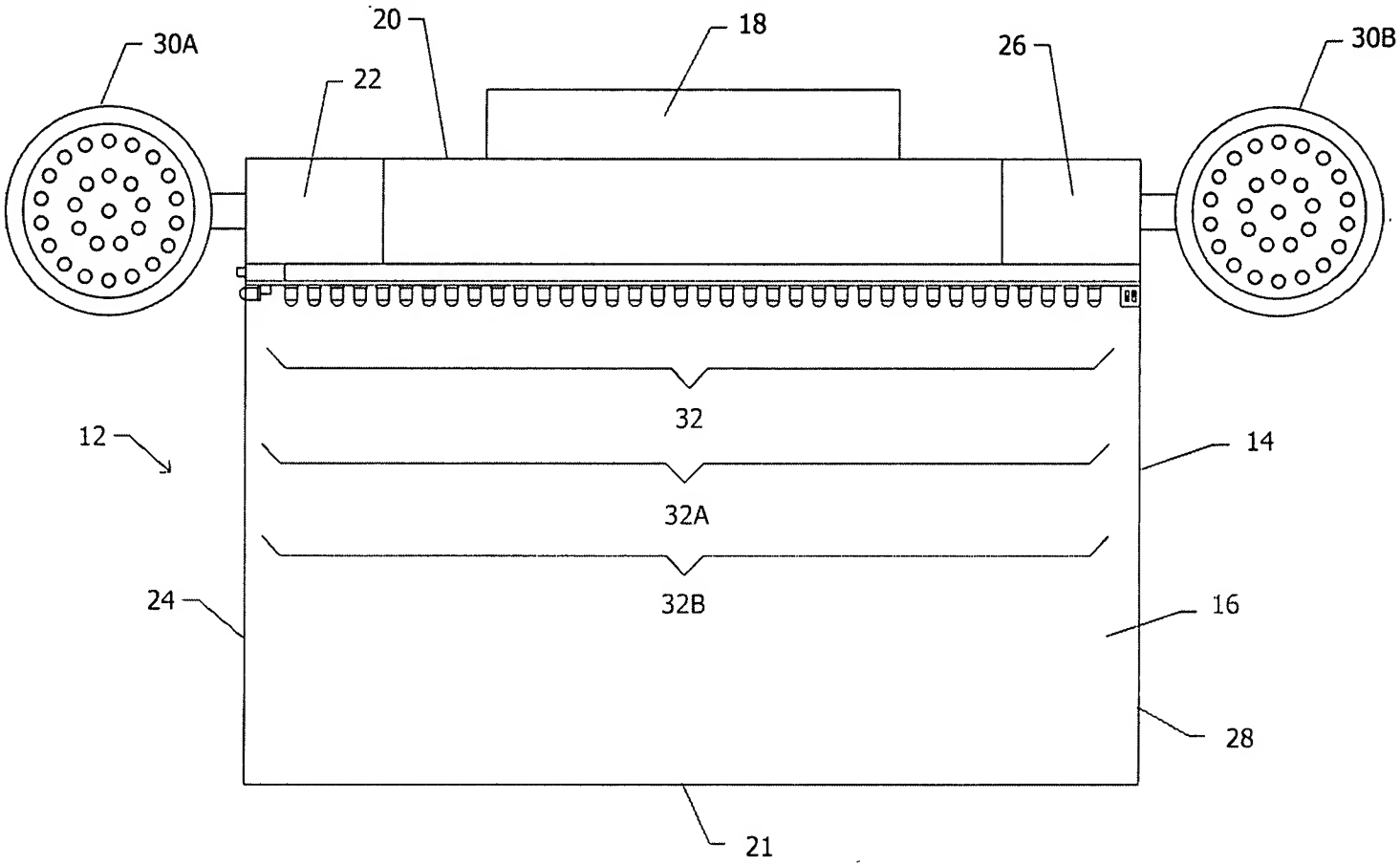

FIG. 1A

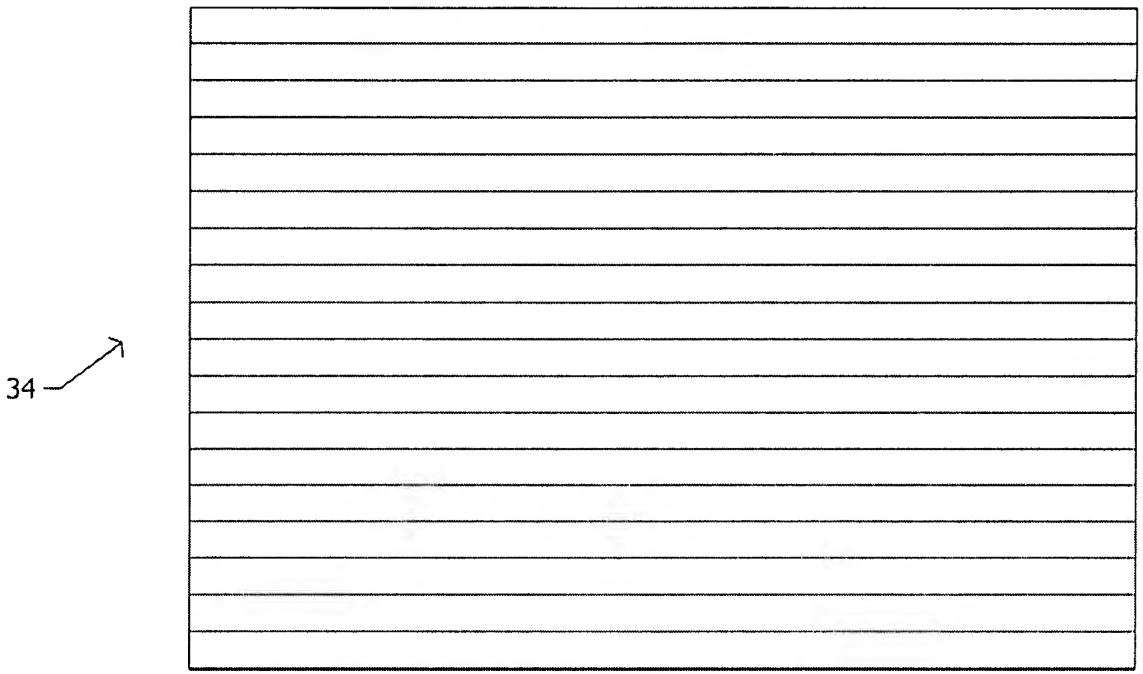

FIG. 1B

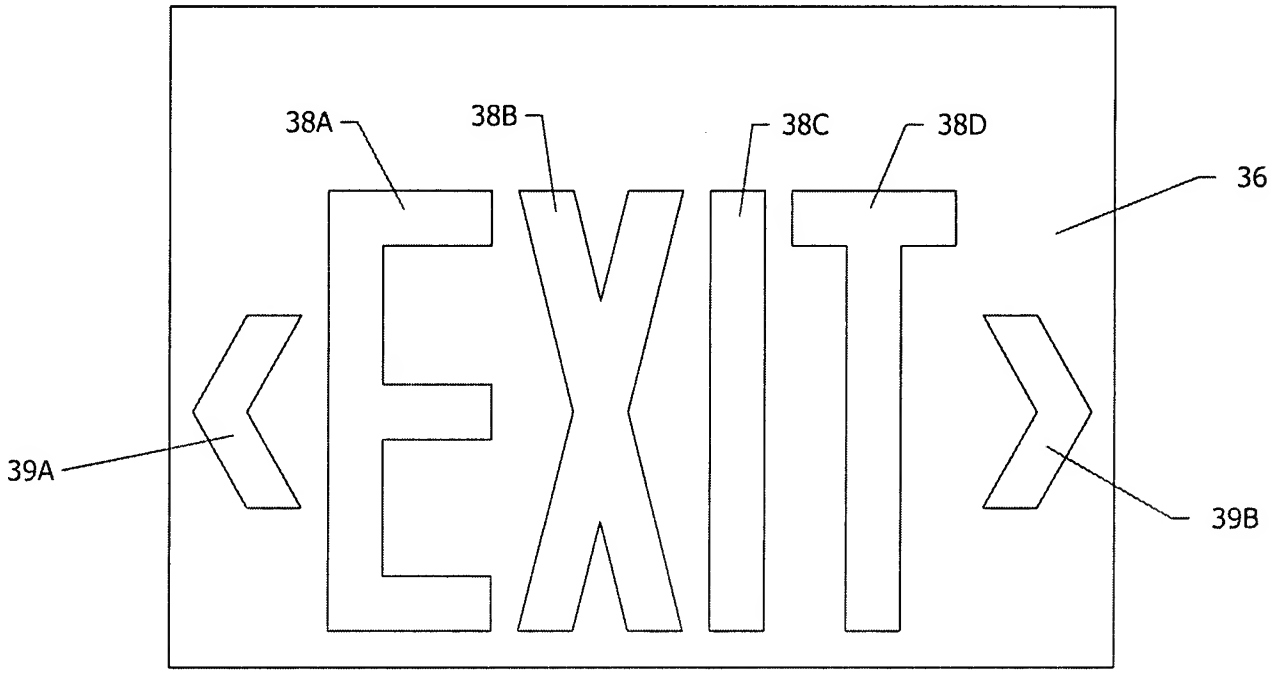

FIG. 1C

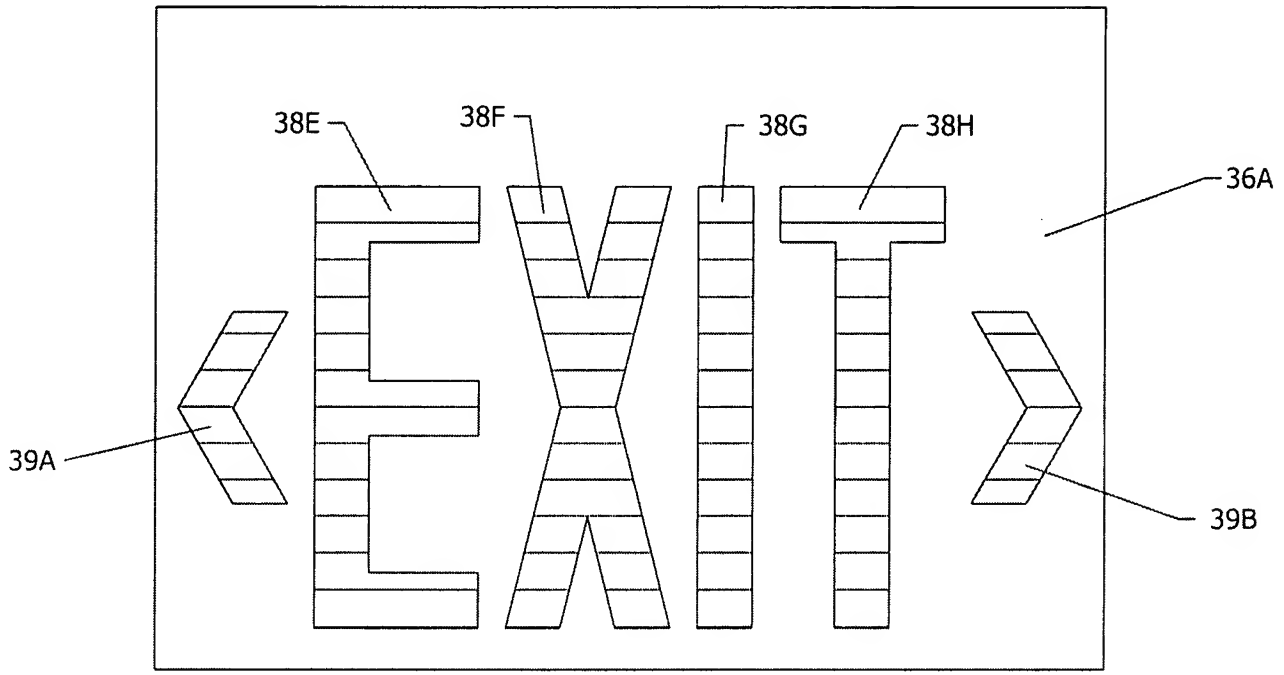

FIG. 1D

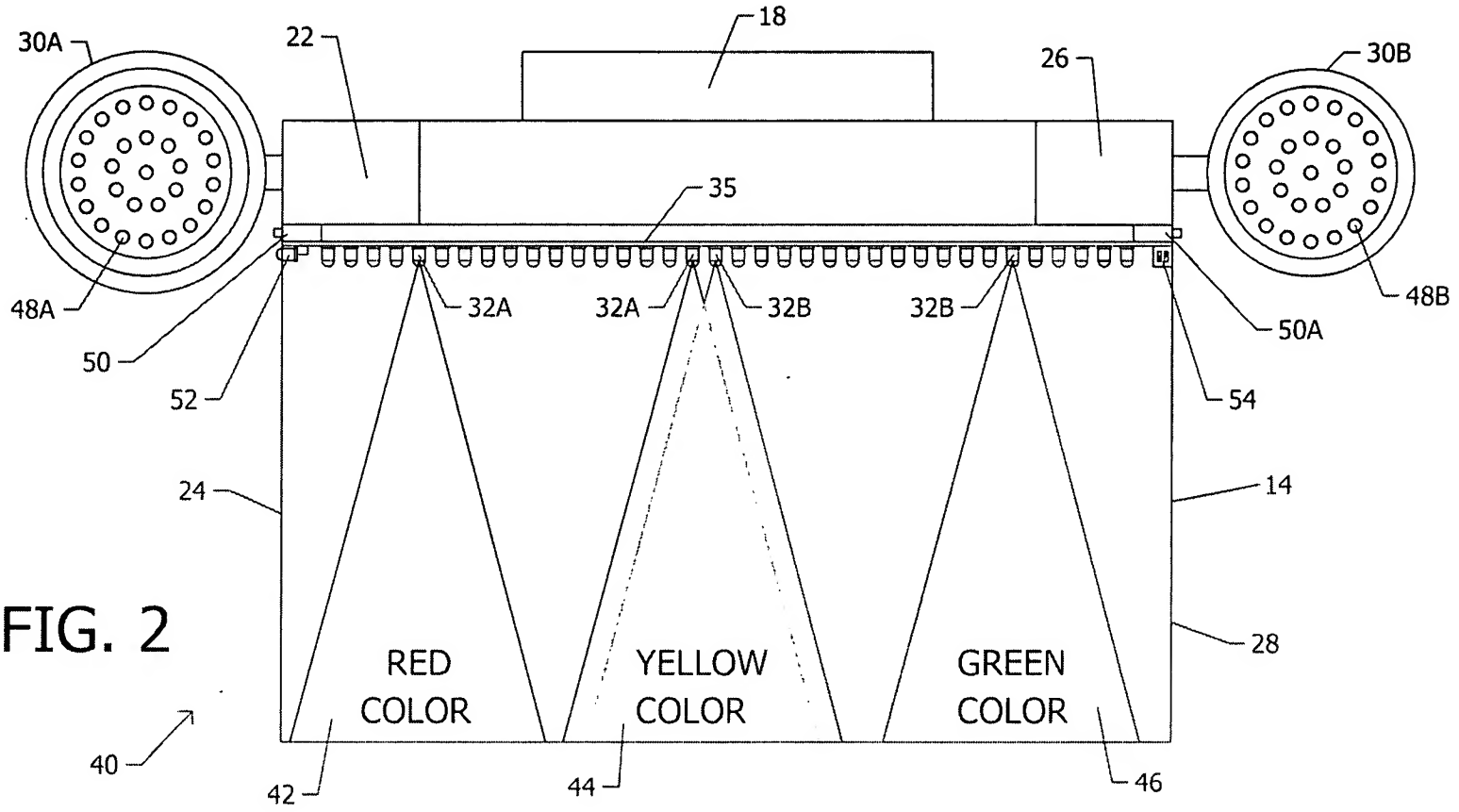

FIG. 2

DIPSWITCH SETTING TABLE		
SW3	SW4	COLOR
OFF	OFF	OFF
OFF	ON	GREEN
ON	OFF	RED
ON	ON	YELLOW

FIG. 2A

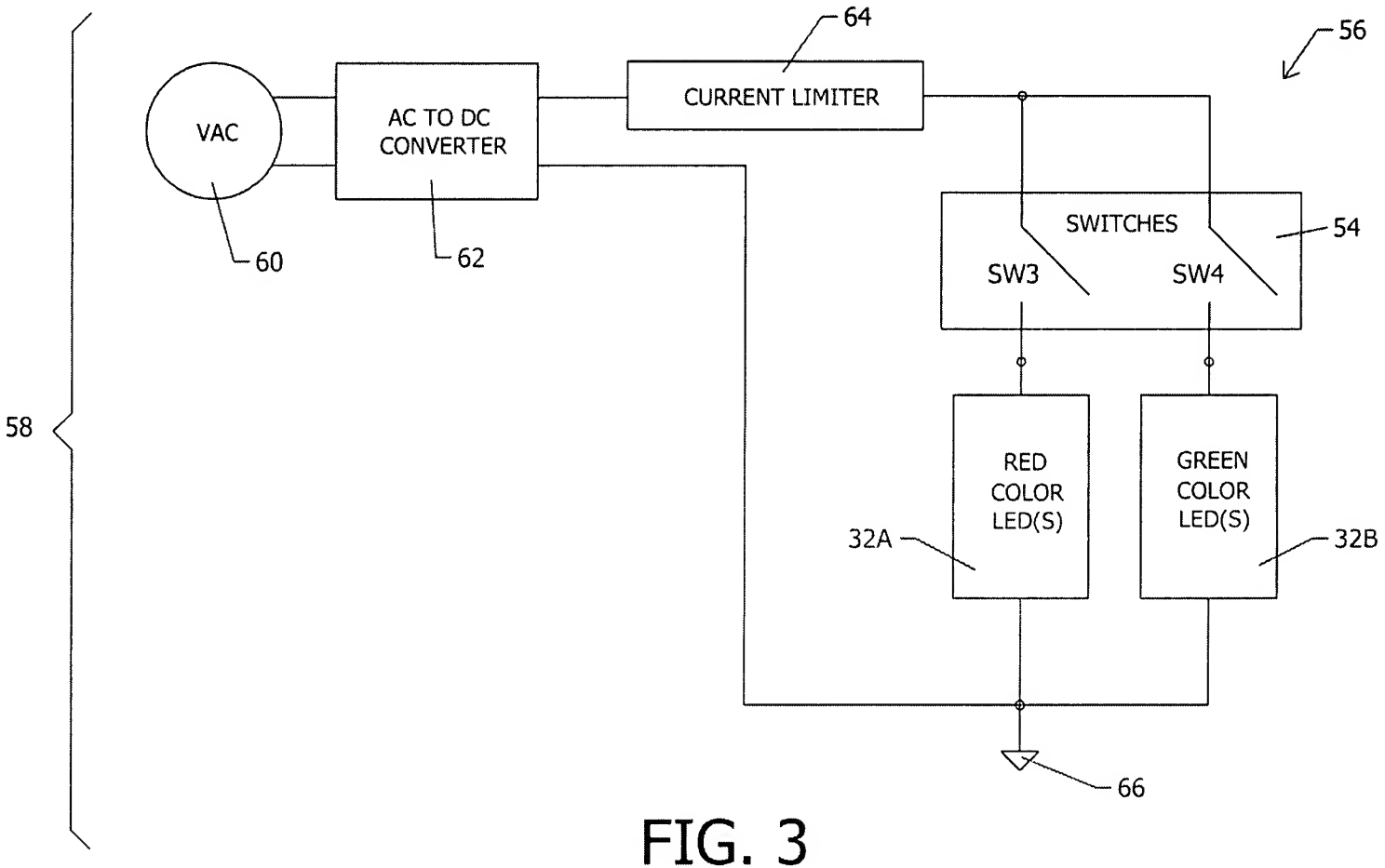
64
56
VAC
AC TO DC CONVERTER
CURRENT LIMITER
SWITCHES
54
SW3
SW4
60
62
58
RED COLOR LED(S)
GREEN COLOR LED(S)
32A
32B
66

FIG. 3

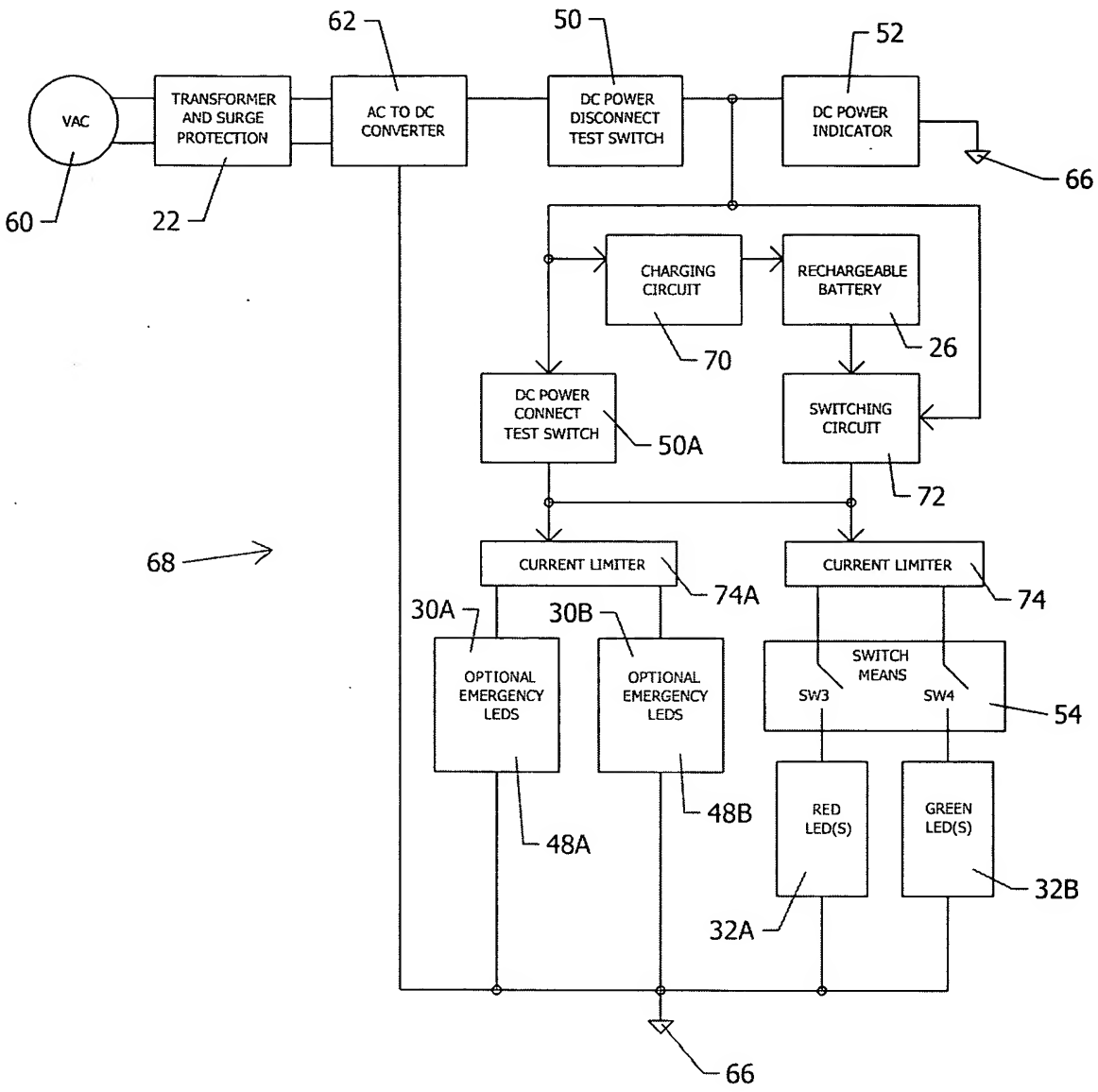
VAC
60
TRANSFORMER AND SURGE PROTECTION
22
62
AC TO DC CONVERTER
50
DC POWER DISCONNECT TEST SWITCH
52
DC POWER INDICATOR
66
CHARGING CIRCUIT
70
RECHARGEABLE BATTERY
26
DC POWER CONNECT TEST SWITCH
50A
SWITCHING CIRCUIT
72
68
CURRENT LIMITER
74A
CURRENT LIMITER
74
30A
30B
OPTIONAL EMERGENCY LEDS
OPTIONAL EMERGENCY LEDS
SWITCH MEANS
SW3
SW4
54
48A
48B
RED LED(S)
GREEN LED(S)
32A
32B
66

FIG. 4

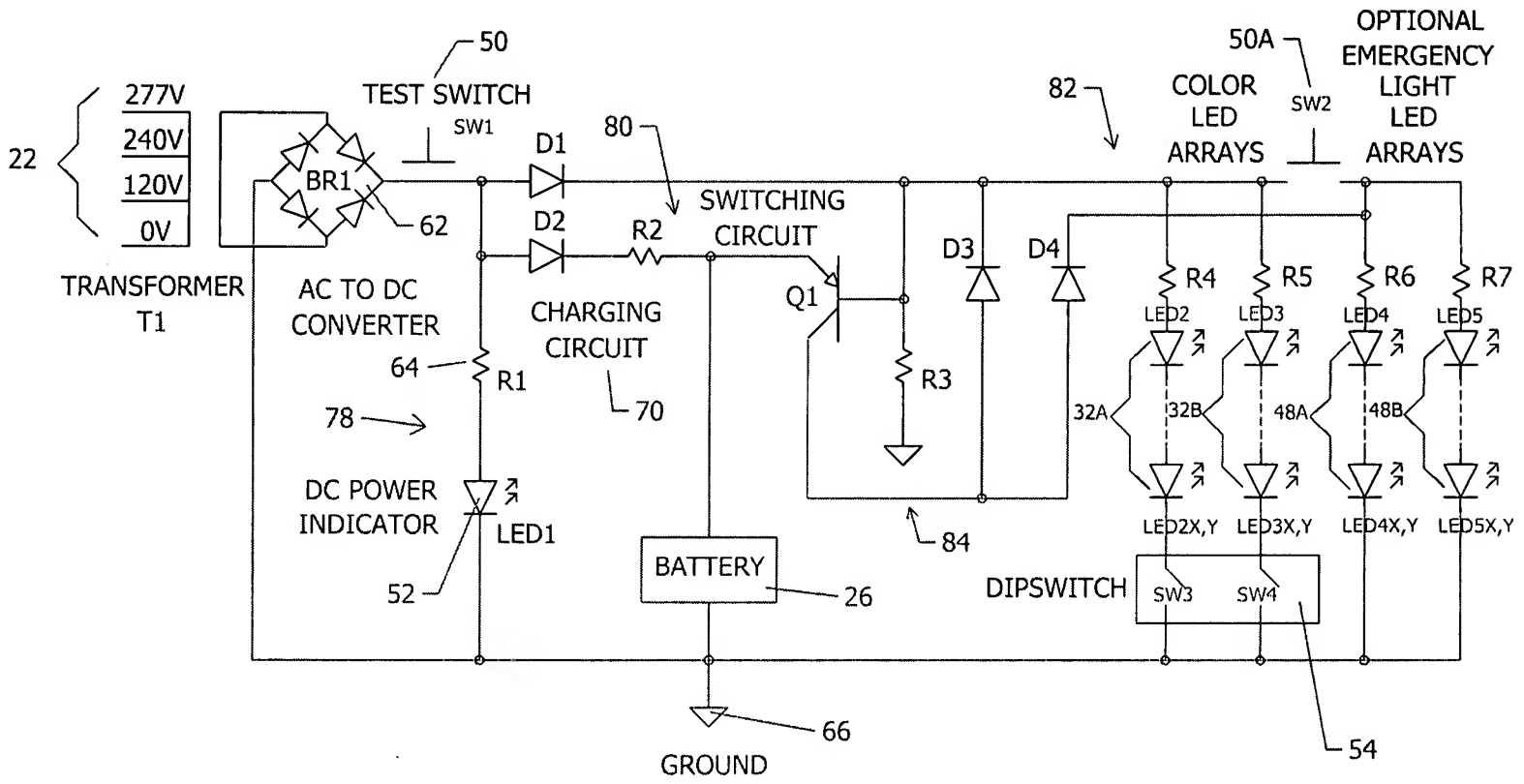
277V
240V
120V
0V
22
TRANSFORMER
T1
BR1
62
AC TO DC
CONVERTER
50
TEST SWITCH
SW1
D1
D2
80
R2
SWITCHING
CIRCUIT
Q1
CHARGING
CIRCUIT
70
64
R1
78
DC POWER
INDICATOR
LED1
52
BATTERY
26
66
GROUND
D3
D4
R3
84
82
50A
SW2
COLOR
LED
ARRAYS
OPTIONAL
EMERGENCY
LIGHT
LED
ARRAYS
R4
R5
R6
R7
LED2
LED3
LED4
LED5
32A
32B
48A
48B
LED2X,Y
LED3X,Y
LED4X,Y
LED5X,Y
DIPSWITCH
SW3
SW4
54

FIG. 5

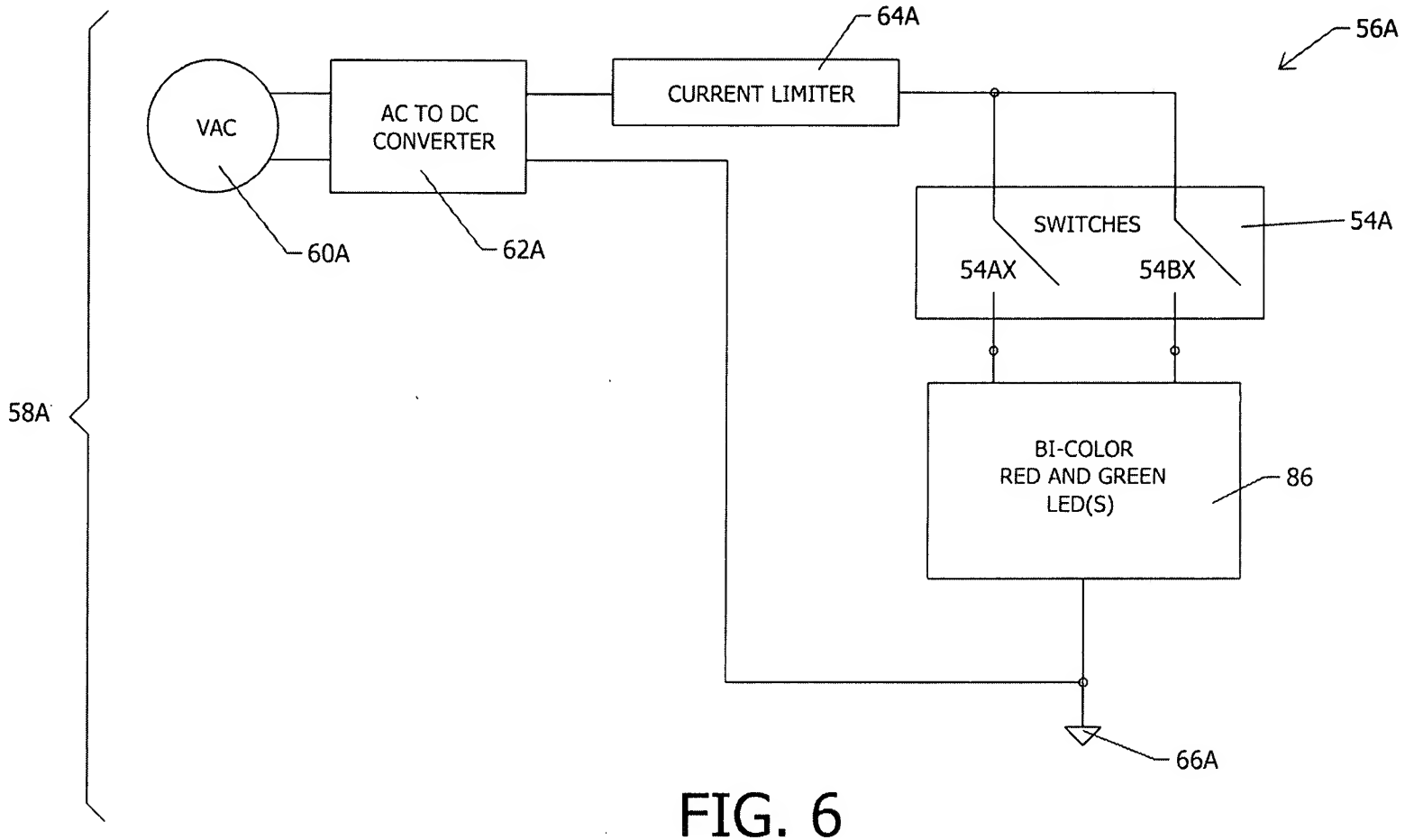
64A
56A
VAC
AC TO DC CONVERTER
CURRENT LIMITER
SWITCHES
54A
54AX
54BX
60A
62A
58A
BI-COLOR
RED AND GREEN
LED(S)
86
66A

FIG. 6